

## BIBLIOGRAPHY

C. FITZHUGH TALMAN, in Charge of Library

## RECENT ADDITIONS

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies:

**André, Ch.**

Sur les mouvements verticaux de l'atmosphère. [Lyon.] n. d. 4 p. 26 $\frac{1}{2}$  cm.

**André, Ch., & Raulin, A.**

Influence de la nature du sol sur la température à son intérieur. Lyon. 1891. 20 p. plates (fold.) 28 cm.

**Besson, Louis.**

La température à Paris d'après cinquante années d'observations. [Paris. 1926.] 47 p. figs. 25 $\frac{1}{2}$  cm. (Annales des Serv. tech. d'hygiène de la ville de Paris. v. 7. Météorologie.)

**Burns, G. Richard.**

Portable instrument for measuring solar radiation in forests. Burlington. 1927. 30 p. figs. 23 cm. (Studies in tolerance of New England forest trees, no. 6.) (Vt. agric. exp. sta., Bull. 261, Feb., 1927.)

**Committee on the physical and chemical oceanography of the Pacific.**

Report of the chairman, T. Wayland Vaughan. n. p. n. d. 26 p. 23 $\frac{1}{2}$  cm.

**Corbett, L. C., & others.**

Fruit and vegetable production. [Washington.] n. d. p. 151-452. illus. 23 $\frac{1}{2}$  cm. U. S. Dept. agric. Separate from Yearbook 1925. no. 931. (Includes sections on relations of climate and weather to fruit and vegetable production.)

**Cox, G. W.**

Some notes on the circulation of the atmosphere over South Africa. p. 103-167. figs. 24 cm. (So. African journ. sci., v. 23, Dec., 1926.)

**Dobrescu, I. M.**

Meteorologia agricolă. Bucureşti. n. d. 171 p. figs. plate (fold.) 21 $\frac{1}{2}$  cm.

**Eredia, Filippo.**

Sul calcolo delle precipitazioni acquee normali nella loro ripartizione annuale. Roma. 1922. 10 p. plate (fold.) 25 $\frac{1}{2}$  cm. (Estr.: Annali del Consiglio super. delle acque. Anno 1922. v. 4, fasc. 2-3.)

**Great Britain. Meteorological office.**

Particulars of meteorological reports issued by wireless telegraphy in Great Britain and the countries of Europe and North Africa. (Fifth edition.) 1927. vi, 154 p. 24 $\frac{1}{2}$  cm. (M. O. 252.)

**Gundry, P. G.**

Problem of atmospheric electricity. p. 16-25. 24 cm. (So. African journ. sci. v. 23, Dec., 1926.)

**Houk, Ivan E.**

Evaporation on United States reclamation projects. With discussion . . . p. 266-378. illus. 23 cm. (Amer. soc. civil eng. Trans. paper no. 1600. v. 90, June 1927.)

**Howarth, O. J. R.**

Climate and geography. London. 1927. 53 p. figs. 18 $\frac{1}{2}$  cm.

**Huntington, Ellsworth.**

High cost of weather. A résumé of the year 1926. p. 38-42. 24 cm. [Cutting from Amer. rev. of rev., v. 75, no. 1, Jan., 1927.]

**Johansson, Osc. V.**

Ueber die Asymmetrie der meteorologischen Schwankungen Helsingfors. 1926. 134 p. plate. 24 cm. (Soc. scient. Fenn. Comm. physico-math. III. 1.) (Mitt. Met. Inst. der Univ., Helsingfors, N:o 1.)

Ueber die interdiurne Veränderlichkeit der Temperatur, besonders in Finnland. Helsingfors. 1926. 52 p. 24 cm. (Mitt. Met. Inst. der Univ., Helsingfors. N:o 2.)

**Kallio, Niilo.**

Ueber die Windverhältnisse der oberen Luftschichten am aerologischen Observatorium Ilmala nebst Uebersichten für andere Gegenden. Helsingfors. 1926. iv, 149 p. plate. 24 $\frac{1}{2}$  cm. (Soc. scient. Fenn. Comm. physico-math. III. 3.) (Mitt. Met. Inst. der Univ., Helsingfors. N:o 3.)

**Lindholm, F.**

Om vertikal temperaturgradient, om horisontala temperatur- och lufttäthetsgrader samt om molnighetsfördelningen över Sverige. [Uppsala. 1926.] p. 169-187. figs. 22 cm. (Artilleri-Tidskrift. 55:e drg. Häft. 5.)

Sur la structure thermique de l'atmosphère au-dessus de la Suède méridionale; sondages faits par avion en 1924 et 1925. Stockholm. 1927. 41 p. figs. 32 $\frac{1}{2}$  cm. (Medd. Statens met.-hydrog. anstalt. Bd. 3. N:o 10.)

**Morize, Henrique.**

Contribuição ao estudo do clima do Brasil. 2d. ed. Rio de Janeiro. 1927. viii, 116 p. plates (part fold.) 32 cm.

**Norbury, Frank Parsons.**

Seasonal climatic curves. 17 p. figs. 24 $\frac{1}{2}$  cm. (Repr.: Welfare mag., March, 1927.)

**Royal meteorological society.**

Rainfall atlas of the British Isles. South Kensington. 1926. 12 p. 43 maps. 32 cm.

**Schereshevsky, Ph. & Wehrle, Ph.**

La semaine internationale des nuages. A. Étude de la journée du 25 septembre 1923 sur l'Europe occidentale. Paris. 1926. Texte. 54 p. plate (fold.) 31 $\frac{1}{2}$  cm. Planches. 37 plates. 31 $\frac{1}{2}$  cm. (Off. nat. mét. de France. Memorial no. 16.)

**Taylor, Norman.**

Climate of Long Island: its relation to forests, crops, and man. Ithaca. 1926. 20 p. figs. 23 cm. (Cornell univ. Agric. exper. sta. Bull. 458, March, 1927.)

**Vernon, H. M. & others.**

Relation of atmospheric conditions to the working capacity and the accident rate of coal miners. London. 1927. iv, 34 p. fig. 24 $\frac{1}{2}$  cm. (Med. research coun., Indust. fatigue research bd. Report no. 39.)

## RECENT PAPERS BEARING ON METEOROLOGY

The following titles have been selected from the contents of the periodicals and serials recently received in the library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

**Association française pour l'avancement des sciences. Conférences. 49. session. Grenoble. 1925.**

Baldit, A. Sur les variations anormales de la température en avant d'un front chaud. p. 268-273.

Delcambre, E. Exemple montrant la nécessité de la protection météorologique. p. 237-241.

Rempp, Georges & Elsaesser Auguste. Un cas remarquable de variation diurne de la pression. p. 249-252.

Rigotard, Laurent. Emploi d'un observateur ambulant. Constitution de profils météorologiques d'itinéraires pour l'étude des climats. p. 247-248.

Rothé, E., Rempp, C., Lacoste, J., Bois, Ch., Hée, A., & Dammann, Y. Observations faites à l'occasion de l'explosion d'Hagondange par l'Institut de physique du globe de Strasbourg. p. 252-255.

Wehrle, Ph., & Vaut, A. Météorologie dynamique. Quelques effets des interférences sur les systèmes nuageux et les discontinuités frontales. p. 241-247.

**Aviation. New York. v. 22. June 20, 1927.**

Upson, Ralph H. Meteorological aspects of the 1927 national balloon race. p. 1382; 1384.

**Beiträge zur Geophysik. Leipzig. 17. Band, 1. Heft. 1927.**

Letzmann, Johannes. Experimentelle Untersuchungen an Wasserwirbeln. p. 40-85.

**France. Académie des sciences. Comptes rendus. Paris. t. 184. 30 mai 1927.**

Besson, Louis. Sur le refroidissement de l'air au coucher du soleil. p. 1340-1341.

**Meteorological magazine. London. v. 62. May, 1927.**

Barlow, E. W. The meteorology of solar eclipses. p. 77-81.

Fairgrieve, J. Rainfall atlas of the British Isles. p. 81-84.